

**MODIFICATIONS TO CLAIM STATUS**

In complete response to the Examiner's Requirement for Restriction, dated 02/24/2004, the Applicant hereby elects Group I, without traverse.

In accordance with the PTO's revised Response format, a detailed listing of all claims has been provided. This listing of claims will replace all prior versions, and listings, of claims in the application.

A review of the claims indicates that:

- A) Claims 7, 20, 24, 26—30 and 34 remain in their original form;
- B) Claims 1—6, 8, 13—19, 21—23 and 33 are currently amended;
- C) Claims 9—12, 25 and 31—32 are currently withdrawn.

**Listing of Claims**

1. (Currently Amended) A computerized method for image editing comprising:  
attaching a filter to a textual vector instruction, the textual vector instruction  
describing a geometric shape;  
replacing ~~the~~ non-transparent bits defined by the textual vector instruction with  
~~the~~ corresponding bits in a raster image; and  
applying an effect to the non-transparent bits.

1 2. (Currently Amended) The computerized method for image editing as in claim 1,  
2 wherein:

3 the filter ~~further~~ comprises a transformation ~~instruction~~ operation.

4  
5 3. (Currently Amended) The computerized method for image editing as in claim 2,  
6 wherein:

7 the transformation operation ~~further~~ comprises an instruction implemented as an  
8 extension to a browser.

9  
10 4. (Currently Amended) The computerized method for image editing as in claim 1,  
11 wherein:

12 the textual vector instruction ~~further~~ comprises a vector markup language  
13 instruction.

14  
15 5. (Currently Amended) The computerized method for image editing as in claim 1,  
16 further comprising before the attaching:

17 receiving the filter from a display-language-renderer; and

18 receiving the raster image from ~~[[a]]~~ the display-language-renderer.

19  
20 6. (Currently Amended) The computerized method for image editing as in claim 5,  
21 wherein receiving the filter from ~~[[a]]~~ the display-language-renderer is performed

22 after receiving the raster image from ~~[[a]]~~ the display-language-renderer.

- 1 7. (Original) The computerized method for image editing as in claim 5, wherein the  
2 display-language-renderer is a browser.
- 3
- 4 8. (Currently Amended) The computerized method as in claim 1, wherein the filter  
5 ~~further comprises a filter in a chain of a plurality of filters~~ and the method is  
6 performed ~~for~~ by each ~~of the filters~~ filter in the chain ~~of plurality~~ of filters.
- 7
- 8 9. (Withdrawn) A computerized method for image editing comprising:  
9 defining all of a plurality of raster transformation operations in vector image  
10 drawing terms.
- 11
- 12 10. (Withdrawn) A computerized method for image editing comprising:  
13 receiving a vector shape definition, the definition being associated with a raster-  
14 based transformation;  
15 invoking a call to a transformation operation that performs a raster-based  
16 transformation on the vector shape definition; and  
17 composing a shape from the vector shape definition.
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- 19 11. (Withdrawn) The computerized method as in claim 10, wherein the  
20 transformation operation is implemented as an extension to a display language  
21 renderer;
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1 12. (Withdrawn) The computerized method as in claim 11, wherein the definition  
2 being associated with a raster-based transformation further comprises:  
3 the definition being attached to a raster-based transformation.

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5 13. (Currently Amended) A computerized method for image editing comprising:  
6 creating a vector image from a specification;  
7 determining that a filter is associated with the vector image;  
8 copying the vector image to an input buffer;  
9 copying a background image to an output buffer;  
10 retrieving a pixel from the input buffer ~~from the~~ as indicated by a pixel pointer;  
11 applying the filter to corresponding pixels in the output buffer ~~wherein~~ where the  
12 pixel is not transparent;  
13 advancing the pixel pointer; and  
14 repeating the computerized method starting with the retrieving wherein a further  
15 pixel is moved into ~~more pixels in~~ the input buffer.

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17 14. (Currently Amended) The computerized method of claim 13, wherein the  
18 determining that ~~[[a]]~~ the filter is associated with the vector image ~~further~~  
19 comprises determining that ~~[[a]]~~ the filter is attached to the vector image.

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21 15. (Currently Amended) ~~[[A]]~~ The computerized method for image editing of claim  
22 13 wherein the specification ~~further~~ comprises a vector markup language  
23 specification.  
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16. (Currently Amended) [[A]] The computerized method for image editing of claim  
13 wherein the specification ~~further~~ comprises scalable vector graphics  
specification.

17. (Currently Amended) [[A]] The computerized method for image editing of claim  
13 wherein the specification ~~further~~ comprises a vector markup language  
specification and a scalable vector graphics specification.

18. (Currently Amended) The computerized method for image editing as in claim  
[[16]]13, wherein the method is performed by ~~the compositor engine of~~ a standard  
display-language-renderer.

19. (Currently Amended) The computerized method for image editing as in claim 18,  
wherein the standard display-language-renderer ~~further~~ comprises a browser.

20. (Currently Amended) The computerized method for image editing as in claim  
[[17]]13, further comprising:  
determining that an internal effect is specified; and  
applying the internal effect to the input buffer.

21. (Currently Amended) The computerized method for image editing as in claim  
[[17]]13, further comprising:  
composing bits to a screen buffer ~~wherein~~ when the determining that [[a]] the  
filter is associated with the ~~shape~~ vector image fails.

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2 22. (Currently Amended) The computerized method for image editing as in claim  
3 ~~[[17]]13~~, wherein copying the ~~shape~~ vector image to ~~[[an]] the~~ input buffer is  
4 performed after copying ~~[[a]] the~~ background image to ~~[[an]] the~~ output buffer.

5  
6 23. (Currently Amended) A computer-readable medium having computer-executable  
7 instructions to a cause a computer to perform a method comprising:  
8 generating a vector shape from a vector description in a hyper text markup  
9 language page;  
10 copying the vector shape to an input buffer;  
11 copying a background to an output buffer;  
12 copying ~~the~~ a portion of the output buffer corresponding with the input buffer to  
13 the input buffer;  
14 applying vector manipulations to the input buffer;  
15 copying the input buffer to the output buffer; and  
16 displaying the output buffer.

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18 24. (Original) The computer-readable medium as in claim 23, wherein copying the  
19 portion of the output buffer, applying vector manipulations and copying the input  
20 buffer to the output buffer are performed by a plug-in extension to a browser.  
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1 25. (Withdrawn) A computer-readable medium having computer-executable  
2 instructions to a cause a computer to perform a method comprising:  
3 receiving a vector shape definition, the definition being associated with a raster-  
4 based transformation; and  
5 invoking a call to a transformation operation that performs a raster-based  
6 transformation on the vector shape definition.  
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8 26. (Original) A computer-readable medium having stored thereon computer  
9 readable instructions accessible as an extension to a browser that describes a  
10 raster-based manipulation of an image described in a text vector-based language.  
11

12 27. (Original) A computer-readable medium having stored thereon computer  
13 readable instructions accessible as a service to provide special effects to a browser  
14 that describes a vector shape on top of a raster image.  
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16 28. (Original) The computer-readable medium as in claim 27, wherein the service is  
17 a plug-in extension.  
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19 29. (Original) A computer-readable medium having stored thereon computer  
20 readable instructions that invokes a service that provides special effects to a  
21 browser by performing vector transformations of raster-images.  
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1 30. (Original) The computer-readable medium as in claim 29, wherein the service is  
2 a plug-in extension.

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4 31. (Withdrawn) An apparatus comprising:  
5 a browser that receives a hyper text markup language page, the hyper text markup  
6 language page identifying a custom extension method to the browser, a  
7 background image, a vector shape, and a vector manipulation;  
8 a component operably coupled to the browser and the custom extension method;  
9 an input buffer operably coupled to the browser;  
10 an output buffer operably coupled to the browser; and  
11 wherein the browser generates the vector shape from a vector description in the  
12 hyper text markup language page, copies the vector shape to the input  
13 buffer, copies the background to the output buffer;  
14 wherein the custom method copies output buffer bits corresponding with input  
15 buffer bits to the input buffer, applies the vector manipulations to the input  
16 buffer, and copies the input buffer to the output buffer; and  
17 wherein the browser displays the output buffer.

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19 32. (Withdrawn) The apparatus as in claim 31, wherein the vector description further  
20 comprises a description compliant with vector markup language.  
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1 33. (Currently Amended) A computer-readable medium having stored thereon  
2 computer readable instructions to [[a]] cause a computer to perform a method  
3 comprising:  
4 attaching a transformation component;  
5 identifying a raster image; and  
6 invoking the transformation ~~component~~, providing component to provide a  
7 plurality of manipulations to the raster ~~image~~ image, wherein the  
8 manipulations are described in vector-based terms.

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10 34. (Original) The computer-readable medium as in claim 33, wherein the computer  
11 readable instructions are compliant to hypertext markup language.  
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